

Nebel Street Extended -- No. 500401

Category **Transportation**
 Agency **Public Works & Transportation**
 Planning Area **North Bethesda-Garrett Park**
 Relocation Impact **None**

Date Last Modified
 Required Adequate Public Facility

May 18, 2006
 NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	666	327	59	280	36	244	0	0	0	0	0
Land	6,451	24	4,278	2,149	2,149	0	0	0	0	0	0
Site Improvements and Utilities	442	40	1	401	0	401	0	0	0	0	0
Construction	4,451	0	0	4,451	0	4,451	0	0	0	0	0
Other	1	1	0	0	0	0	0	0	0	0	0
Total	12,011	392	4,338	7,281	2,185	5,096	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	11,769	199	4,289	7,281	2,185	5,096	0	0	0	0	0
Development											
Approval Payment	242	193	49	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				20	0	0	5	5	5	5	0
Energy				20	0	0	5	5	5	5	0
Net Impact				40	0	0	10	10	10	10	0

DESCRIPTION

This project is to provide a 1,300 foot extension of Nebel Street from its existing terminus at Randolph Road to a terminus at the Target store site. The proposed roadway improvements include: a 4-lane closed section roadway with a typical cross section that includes four 12-foot travel lanes; a 5-foot concrete sidewalk adjacent to a 7-foot tree panel along the west side of the road; an 8-foot asphalt bike path adjacent to a 7-foot wide tree panel along the east side of the road, streetlighting and landscape trees provided on both sides of the roadway; improvements at the intersection of Nebel Street and Randolph Road; and modification of the existing traffic signal at the intersection of Chapman and Bou Avenues.

Service Area

North Bethesda/Garrett Park Planning Area and City of Rockville.

Capacity

Upon completion, the roadway will have a capacity of 13,000 vehicles per day.

JUSTIFICATION

This project is needed to relieve traffic congestion along MD 355 between the White Flint Mall and Twinbrook Parkway area. In addition, Nebel Street Extended would be a component of a local circulation network parallel to Rockville Pike that is essential to the overall transportation goals of the region. The project offers redundancy for shorter, more focused trips and facilitates pedestrian movements. Nebel Street Extended will link the employment areas adjacent to the Metro Stations at White Flint and Twinbrook and provide access to the proposed MARC station at Montrose Crossing. The sidewalk and bike path provide a foundation for a safe, convenient and well-connected system for pedestrians and bicyclists, as outlined in the Master Plan.

Plans and Studies

This road is classified as business road B-5 in the North Bethesda/Garrett Park Master Plan. A project prospectus was completed and funded under the Facility Planning-Transportation project. Pedestrian safety was considered during design.

Cost Change

Increase due to inflation.

Transferred \$36k to Advanced Reforestation.

STATUS

Final design stage.

OTHER

The developer completed design and construction of the project from the intersection of Bou Avenue and Chapman Avenue to the south end of the developer's property.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY04	(\$000)
Initial Cost Estimate		482
First Cost Estimate		
Current Scope	FY05	11,252
Last FY's Cost Estimate		11,252
Present Cost Estimate		12,011
Appropriation Request	FY07	795
Appropriation Request Est.	FY08	0
Supplemental		
Appropriation Request	FY06	0
Transfer		-36
Cumulative Appropriation		11,252
Expenditures/		
Encumbrances		574
Unencumbered Balance		10,678
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Facility Planning: Transportation
 Maryland-National Capital Park and Planning Commission
 Maryland State Highway Administration-Randolph Road Relocated Project
 Washington Metropolitan Area Transit Authority
 PEPCO
 Department of Permitting Services
 Verizon
 Washington Suburban Sanitary Commission
 CSXT
 Developers
 City of Rockville
 Maryland Transit Administration (MARC Train)

MAP

See Map on Next Page

